Personalized management of atrial fibrillation

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Chapter 57.4 Personalized management of atrial fibrillation

ABSTRACT

Despite improved treatments, patients with atrial fibrillation are in need of personalized management to improve outcomes, and personalized strategies for atrial fibrillation prevention are needed to avoid the emerging atrial fibrillation epidemic. The pathophysiological heterogeneity driving atrial fibrillation and most likely its complications has led to a demand for a new disease taxonomy that better reflects disease mechanisms in atrial fibrillation. Genomic and biomedical differences could guide such a taxonomy as well as different social contexts and behavioural patterns. Interdisciplinary cooperation between scientists, clinicians and other healthcare providers, regulators, industry government agencies, and charities is required, to unleash the potential of personalized management of atrial fibrillation.

KEYWORDS

atrial fibrillation
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